PROTEOMIC INTERACTION AND GENOMIC ACTION DETERMINATIONS IN THE PRESENCE OF ASSOCIATED REDOX STATE CONDITIONS

Abstract of the Disclosure

Genomic actions and/or proteomic interactions for pathophysiological processes and for physiological processes are determined at associated redox state conditions. Protein interactions are correlated with oxygen tensions. Identification of markers for disease including epitopes is effected in the presence of simulated redox state perturbations. Screening for previously unknown receptors and activating ligands is carried out in the presence of alteration of redox state.